

**AMENDMENTS TO THE SPECIFICATION**

*Kindly replace paragraph [0027] beginning on page 11 of the specification with the following amended paragraph.*

[0027] In the configuration shown in FIG. 4, when the door handle 7 of the swinging door 2 is opened, one end of the door handle 7 moves downwards and an operating lever 7A is located inside the door handle 7. A linking mechanism 44, which extends downwards, is connected to the front end of the operating lever 7A and is connected to the other end of the driving lever 64A of the release actuator 64 through the linking mechanism 44. As such, the door handle 7 is are opened so that the driving lever 64A rotates and the pole 48 mechanically rotates counterclockwise. In this case, the release actuator 64 may install a clutch mechanism so as not to disturb the above-described operation by the manipulation.

*Kindly replace paragraph [0033] beginning on page 13 of the specification with the following amended paragraph.*

[0033] The sliding door 4 can move along a guide rail 21 installed so as to extend in the forward and backward directions of the vehicle at the center of the vehicle body 9 in its upward and downward directions. As shown in FIG. 5, a sliding door driving unit 27 and a power transmission mechanism 60 for performing power transmission to the sliding door 4 are located inside the sliding door 4, that is, between the outer panel of the surface of the vehicle and the inner panel thereof. The power transmission mechanism 60 includes mainly the sliding door driving unit 27, an intermediate pulley 29, a remote control unit 29, a release actuator 22 and a closing

actuator 25. In the power transmission mechanism 60, the driving force of the sliding motor 61 is transmitted to the intermediate pulley 29 disposed above the sliding motor 61 by two cables 23 and 24 (a cable in the closed direction and a cable in the opened direction). The driving force of the sliding motor 61 is transmitted to the closing actuator 25 disposed in the backward and downward directions of the sliding motor 61 from the intermediate pulley 29 by a cable 56. Meanwhile, the remote control unit 29 is connected to a release actuator 22 by a cable 57.

*Kindly replace paragraph [0034] beginning on page 14 of the specification with the following amended paragraph.*

[0034] The sliding door driving unit 27 is installed at the rear lower side of the sliding door 4. As shown in FIG. 7, the sliding door driving unit 27 includes a sliding motor 61, a drum 62 which rotates when a gear mechanism is engaged with a motor output shaft of the sliding motor 61 and when the rotation speed of the motor output shaft is reduced, and an electromagnetic clutch 63 in the course of transmission of driving force. The electromagnetic clutch 63 transmits or intercepts a driving force of the sliding motor 61 to or from the drum 62 by applying an electric current from an external power source to ~~cells~~ coils located opposite to the electromagnetic clutch 63. In addition, a 64-pole magnet 65 in which N-poles and S-poles are alternately located around a rotation body located coaxially with the rotation shaft of the drum 62 is installed in the sliding door driving unit 27, so as to detect the rotation of the drum 62. The magnet 65 is detected by a Hall element 66 fixed in the casing. As such, the rotation (forward rotation/reverse rotation) of the sliding motor 61 is detected by the output from the Hall element 66 having two elements (~~hole~~ Hall IC)

in which two signals having different phases are output and the position or speed of the sliding door 4 can be detected. The Hall element 66 performs on/off pulse output according to the rotation of the sliding motor 61, detects the rotation direction of the sliding motor 61 from the output pattern of two pulse outputs and detects the speed of the sliding door 4 and the change in the speed of the sliding door 4 based on the rotation direction of the sliding motor 61. As such, when the sliding door 4 is opened and closed, the load on the sliding door 4 is recognized and insertion and detection is possible.